

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280ADATE: 09/24/98
TIME: 15:19:44

INPUT SET: S28825.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Porro, Massimo

(ii) TITLE OF INVENTION: VACCINES FOR PREVENTION OF GRAM-
NEGATIVE BACTERIAL INFECTIONS AND ENDOTOXIN RELATED DISEASES

(iii) NUMBER OF SEQUENCES: 45

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Hedman, Gibson & Costigan

(B) STREET: 1185 Avenue of the Americas

(C) CITY: New York

(D) STATE: New York

(E) COUNTRY: USA

(F) ZIP: 10036

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

(B) COMPUTER: IBM PS/2

(C) OPERATING SYSTEM: DOS

(D) SOFTWARE: Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/124,280

(B) FILING DATE: July 29, 1998

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:

(B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Costigan, James V.

(B) REGISTRATION NUMBER: 25,669

(C) REFERENCE/DOCKET NUMBER: 576-008

(ix) TELECOMMUNICATION INFORMATION:

TC 1600 MAIL ROOM

APR 18 2000

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280ADATE: 09/24/98
TIME: 15:19:45

INPUT SET: S28825.raw

47 (A) TELEPHONE: (212) 302-8989
48 (B) TELEFAX: (212) 302-8998
49
50 (2) INFORMATION FOR SEQ ID NO:1:
51
52 (i) SEQUENCE CHARACTERISTICS:
53
54 (A) LENGTH: 10 amino acids
55 (B) TYPE: amino acid
56 (C) TOPOLOGY: circular
57
58 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:1:
59
60 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
61 1 5 10
62
63 (2) INFORMATION FOR SEQ ID NO:2:
64
65 (i) SEQUENCE CHARACTERISTICS:
66
67 (A) LENGTH: 30 amino acids
68 (B) TYPE: amino acid
69 (C) TOPOLOGY: circular
70
71 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:2:
72
73 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
74 1 5 10
75 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
76 15 20
77 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
78 25 30
79
80 (2) INFORMATION FOR SEQ ID NO:3:
81
82 (i) SEQUENCE CHARACTERISTICS:
83
84 (A) LENGTH: 434 amino acids
85 (B) TYPE: amino acid
86 (C) TOPOLOGY: circular
87
88 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:3:
89
90 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
91 1 5 10
92 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
93 15 20
94 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
95 25 30
96 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
97 35 40
98 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
99 45 50

DATE: 09/24/98
TIME: 15:19:46

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RAW SEQUENCE LISTING
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153		315	320
154	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
155		325	330
156	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
157		335	340
158	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
159		345	350
160	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
161		355	360
162	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
163		365	370
164	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
165		375	380
166	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
167		385	390
168	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
169		395	400
170	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
171		405	410
172	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
173		415	420
174	Lys Lys Lys Lys	Lys Lys Lys Lys Lys Lys	
175		425	430
176	Lys Lys Lys Lys		

177

178 (2) INFORMATION FOR SEQ ID NO:4:

179

180 (i) SEQUENCE CHARACTERISTICS:

181

182 (A) LENGTH: 10 amino acids

183 (B) TYPE: amino acid

184 (C) TOPOLOGY: circular

185

186 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:4:

187

188 Lys Asp Lys Asp Lys Asp Lys Asp Lys Asp

189 1 5 10

190

191 (2) INFORMATION FOR SEQ ID NO:5:

192

193 (i) SEQUENCE CHARACTERISTICS:

194

195 (A) LENGTH: 10 amino acids

196 (B) TYPE: amino acid

197 (C) TOPOLOGY: circular

198

199 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:5:

200

201 Lys Phe Lys Phe Lys Phe Lys Phe Lys Phe

202 1 5 10

203

204 (2) INFORMATION FOR SEQ ID NO:6:

205

RAW SEQUENCE LISTING
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206 (i) SEQUENCE CHARACTERISTICS:
207
208 (A) LENGTH: 7 amino acids
209 (B) TYPE: amino acid
210 (C) TOPOLOGY: circular
211
212 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:6:
213
214 Lys Phe Leu Lys Lys Thr Leu
215 1 5
216
217 (2) INFORMATION FOR SEQ ID NO:7:
218
219 (i) SEQUENCE CHARACTERISTICS:
220
221 (A) LENGTH: 7 amino acids
222 (B) TYPE: amino acid
223 (C) TOPOLOGY: circular
224
225 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:7:
226
227 Lys Phe Leu Lys Phe Leu Lys
228 1 5
229
230 (2) INFORMATION FOR SEQ ID NO:8:
231
232 (i) SEQUENCE CHARACTERISTICS:
233
234 (A) LENGTH: 10 amino acids
235 (B) TYPE: amino acid
236 (D) TOPOLOGY: circular
237
238 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:8:
239
240 Lys Phe Leu Lys Phe Leu Lys Phe Leu Lys
241 1 5 10
242
243 (2) INFORMATION FOR SEQ ID NO:9:
244
245 (i) SEQUENCE CHARACTERISTICS:
246
247 (A) LENGTH: 9 amino acids
248 (B) TYPE: amino acid
249 (D) TOPOLOGY: circular
250
251 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:9:
252
253 Arg Tyr Val Arg Tyr Val Arg Tyr Val
254 1 5
255
256 (2) INFORMATION FOR SEQ ID NO:10:
257
258 (i) SEQUENCE CHARACTERISTICS:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/124,280A

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Line

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Original Text